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32-4996: Recombinant Human Syntaxin-2

Alternative Name : Syntaxin 2,epimorphin,EPM,EPIM,STX2A,STX2B,STX2C.

Description

Source : E.coli. STX2 Human Recombinant produced in E. coli is a single polypeptide chain containing 289 amino acids (1-264) and having a molecular mass of 33.6 kDa.STX2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Syntaxin-2 (STX2) is a member of the syntaxin/epimorphin family of proteins. Syntaxin family members are cellular receptors for transport vesicles which participate in exocytosis in neutrophils. STX2 regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. STX2 is a t-SNARE which localizes to the apical plasma membrane and intracellular vesicular structures. In addition, STX2, along with SNAP-23, is essential for regulated surfactant secretion.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The STX2 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 50% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMMRDRL PDLTACRKND DGDTVVVVEK DHFMDDFFHQ VEEIRNSIDK ITQYVEEVKK NHSIILSAPN PEGKIKEELE DLNKEIKKTA NKIRAKLKAI EQSFDQDESG NRTSVDLRIR RTQHSVLSRK FVEAMAEYNE AQTLFRERSK GRIQRQLEIT GRTTTDDELE EMLESGKPSI FTSDIISDSQ ITRQALNEIE SRHKDIMKLE TSIRELHEMF MDMAMFVETQ GEMINNIERN VMNATDYVEH AKEETKKAIK YQSKARRKK

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